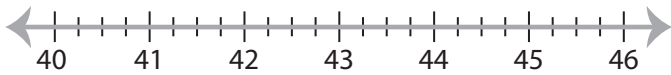


## Solving & Graphing Inequalities

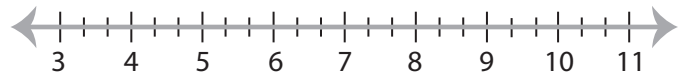
Fractions: S2

Solve each inequality and graph the solution.

1)  $\frac{x}{4} - \frac{3}{2} > 9$



2)  $\frac{7}{3} \geq \frac{x+12}{8}$

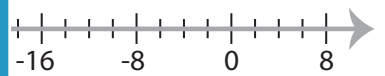


3)  $\frac{1}{5}x + 2 \leq \frac{11}{3}$



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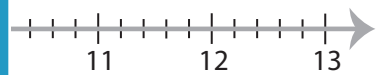
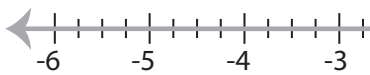
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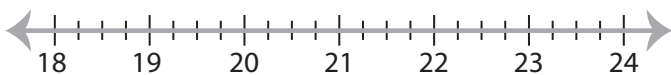
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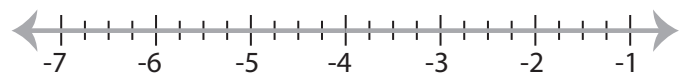
5)  $\frac{x-1}{5} > -\frac{3}{4}$



7)  $\frac{17}{2} \geq \frac{x}{3} + 1$



8)  $\frac{1}{2}x - 19 < -21$



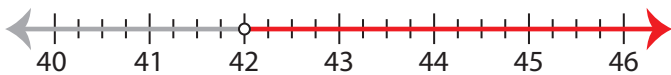
## Solving & Graphing Inequalities

Fractions: S2

Solve each inequality and graph the solution.

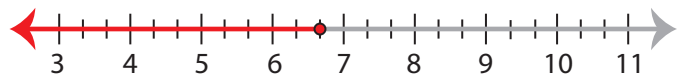
1)  $\frac{x}{4} - \frac{3}{2} > 9$

$x > 42$



2)  $\frac{7}{3} \geq \frac{x+12}{8}$

$x \leq 6\frac{2}{3}$



3)  $\frac{1}{5}x + 2 \leq \frac{11}{3}$

$x \leq 8\frac{1}{3}$



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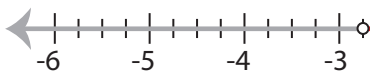
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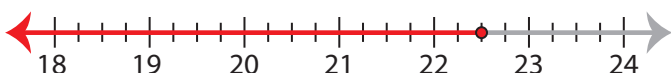
5)  $\frac{x-1}{5} > -\frac{3}{4}$

$x > -2\frac{3}{4}$



7)  $\frac{17}{2} \geq \frac{x}{3} + 1$

$x \leq 22\frac{1}{2}$



8)  $\frac{1}{2}x - 19 < -21$

$x < -4$

